

PDR RID Report

Date Last Modified 6/8/95
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Document Level 4 Requirements for the Processing CSCI (PRONG)

RID ID	PDR 516
Review	SDPS
Originator Ref	fjg.Security.RID
Priority	2

Section PRONG-01970, -01980, **Page** 13

Figure Table none

Category Name Requirements

Actionee HAIS

Sub Category

Subject ECS SDPS PRONG User Power/Privilege Security

Description of Problem or Suggestion:

The wording of the requirements indicates that ****any**** user can modify priority or data of ****any**** Data Processing Request, or may suspend the processing of ****any**** Data processing Request, or may update the Q/A metadata of ****any**** data product. This does not provide sufficient security from a hacker or from a user ****with an axe to grind****. See DATAMATION, 1 March 1995, p. 55ff.

Originator's Recommendation

- 1-- Change the wording in all 4 requirements to match the following example -- The Processing CI shall provide an authorized user with a user interface to modify the priority data associated with that user's Data Processing Request.
- 2-- If some users have the right to change or suspend what belongs to another user, ****carefully**** spell out who they are and what they have the right to change in new requirements, so that they can be properly coded and tested.

GSFC Response by:

GSFC Response Date

HAIS Response by: Eisenstsin

HAIS Schedule

HAIS R. E. Shannon

HAIS Response Date 5/26/95

The description of the requirements contained in the RID are incorrect. The wording of the requirements in question does not imply that "any" user can modify the priority or data of "any" data processing request, or may suspend the processing of "any" Data Processing Request, or may update the Q/A metadata of "any" data product. The requirements, S-DPS-21970 and S-DPS-22020, specify particular functions which will be available through the user interface provided by the Processing CSCI. This user interface is an Operations staff interface as implied in the requirements numbered S-DPS-21700 and S-DPS-21850. Furthermore, S-DPS-21880 specifies that the user interface shall be provided only to authorized users.

Users are authenticated and their authorization is verified by the CSS subsystem which implements general access controls for ECS, as discussed in the CSMS Requirements Specification (DID 304) and Preliminary Design Specification (DID 305) documents. It will ensure that the use of the mentioned capabilities will be restricted to authorized users who have been properly authenticated.

Status Closed

Date Closed 6/8/95

Sponsor Marinelli

***** Attachment if any *****